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Date: 6.8.2008
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FAX

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Thank you.

Dear [REDACTED]

Strain differential results for type O FMD virus isolates received on 25th June 2008 from Turkey.

The following r_1 values were recently obtained by virus neutralization test at the FAO World Reference Laboratory for FMD.

	r_1 Values by neutralisation test against vaccine strains below
WRL Ref Number	O Manisa
O TUR 4/2008	0.35
O TUR 10/2008	0.50
O TUR 26/2008	0.41
O TUR 30/2008	0.45

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Interpretation of r_1 values

In the case of neutralisation:

$r_1 = \geq 0.3$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

N.B.

All of our phylogenetic trees can be accessed via the internet at:

http://www.iah.bbsrc.ac.uk/primary_index/current_research/virus/Picornaviridae/Aphthovirus/index.html

Yours sincerely


Head: Epidemiology Division

Cc 